## WITH THE FARMERS

By Prof. W. F. MASSEY



manure from haul-ing the smutty stalks in housing

is used? Is inoculation needed when lime is used and 200 pounds of acid phosphate applied at sowing? Will the Farmogerm keep alive for six months or a year?" After plowing the land for the beans, apply the lime and harrow it in and there is no executive. harrow it in, and there is no necessity for waiting any time at all, but apply the fertilizer and sow the seed at once. The so-called hydrated lime is sim-

lower rates on the same war-Good stone lime will slake over bushels to one, and oyster shell lime will slake about two bushels to

in a very secure way; in fact, the most scientific method I have observed, and I cannot see that the bacteria may not live well for months in the vials. Farmogerm is the only artificial cul-ture of legume bacteria that I have had any success with, though I am testing this season another culture made by a first-class bacteriologist, and it may be good. But the method of put-ting up the Farmogerm for transporta-tion is the most scientifically correct that I have seen.

Lime on New Land.

"How does lime prevent the leaching of a loose soil?" The physical effect of lime on a sandy soil that is inclined to leach is that it sticks the particles together, somewhat after the manner of a heavier mixture in making mortar, and these sink in the soil and form a compact layer below the plowing, and in this way do to some extent check the tendency to leach earlier than the imported ones, and earlier than the imported ones, but so large as the imported ones, but so large, Mass., May 21.—The harvard varsity and freshman crews left the square to-night at 7 o'clock on route for Ithaca, where "Pera" Courtney's charges will be engaged decided at a meeting Tuesday night to wish the oarsmen bon voyage, as the florists found that they bloomed to wish the oarsmen bon voyage.

The physical effect of lime on a sandy soil that is in whe liked the Virginia-grown Narching the who he liked the Virginia-grown Narching the whole who he liked the Virginia-grown Narching the warshing the plowing, and in this way do to some extent check the tendency to leach fertility downwards. The formation of something like a hard pan in such soils is a great help in their improvement. The next thing is to fill the soil with vegetable decay, which, through its moisture-retaining power, will retain fertility. By getting an will retain fertility. By getting an extent data in the limported ones, and to wish the oarsmen bon voyage. Twenty-eight were in the party of the team meets to wish the oarsmen bon voyage. Twenty-eight were in the party of the team meets with the general approval of the team meets to wish the oarsmen bon voyage. Twenty-eight were in the party of the team meets with the general approval of the team meets with the general approval of the team meets with the general approval of the team meets of the voyage. The wenty-eight were in the party of the team meets of the voyage. The wenty-eight were in the party of the team meets of the oarsmen bon voyage. The wenty-eight were in the party of the team meets of the wish the oarsmen bon voyage. The wenty-eight were in the party of the team meets of the wish the oarsmen bon voyage. The wenty-eight were in the party of the team meets of the wish the oarsmen bon voyage. The wenty-eight were in the party of the team meets of the wish the oarsmen bon voyage. The wenty-eight were in the party of the team meets of the wish the oarsmen bon voyage. The wenty-eight were in the party of the team meets of the wish the oarsmen bon voyage. The wenty-eight were in the party of the team meets of the team meets of the wish the oarsmen bon voyage. The wenty-eight were in the party of the team meets of the wish the oarsmen bon voyage. The wenty-eight were in the oarsmen bon voyage. The wenty-eight were in the party of the team market. The party of the team merty-eight were in the oarsmen bon voyage. The wenty-eight were in the party of the team meets to wish the oarsmen bon voyage. The party of the team the objection of the team the to wish the oarsmen bon voyage. The pa

Crimson clover, sown with winter and asks me to write a speech for him.

Letters of this sort are simply a waste of time on the part of the writers.

Corn Smut.

Corn smut differs from that on oats and wheat, in that it is not carried by the seed, but by the spores getting into the manure from haul.

safely by express or parcel post?" Certainly they can be shipped as easily as plants of any sort. Years ago I sent them to California safely. They should be wrapped in slightly damp sphagnum moss and in paraffin paper, and they will travel in perfect safety. I have sent all sorts of young plants in this way. this way.

ing the smutty stalks in housing the crop. Stock

W. F. Massey. will eat smutty corn without harm, and the spores will get into the manure that goes to the field, and the soil will get infected, and the spores will germinate in the germinating grain, and grow through the plant and finally fruit in a big distorted ear full of the smut spores. As corn smut never gets into the plant except just at germination, the important thing is to keep the smutty ears away from the good ones. In cutting corn in the fall do not cut the stalks on which are smutty cars. Let them stand, and after the good stalks have been cut, cut the smutty ones and carry them off, and when dry burn them so that the spores will be destroyed. Never let a smutty stalk get into the barnyard corn, and you can keep clear of the smut. Of course a good rotation helps here too, and corn should not follow corn.

Lime and Inoculation.

"How long a time should pass between spreading burnt lime and the sowing of soy beans if hydrated lime is used and 200 pounds of acid

the seed from the pods, but these in-volve the expensive gathering by hand,

harrow it in, and there is no necessity for waiting any time at all, but apply the fertilizer and sow the seed at once. The so-called hydrated lime is simply water-slaked lime, and I never buy slaked lime, but always get fresh lump lime and slake it myself, rather than pay freight on the water.

Years ago, when I was farming in Albemarle, I got my lime in bulk in carloads from the Valley. A carload was 440 bushels. I hauled the lime and piled it convenient to water, and slaked it with water till it fell in a powder. Then I found that I had nearly 1,000 bushels, and if I had bought water-slaked lime I would have had to freight the 1,000 bushels instead of 440 to get the same amount of lime. The limeburners gave special prices for fresh lump lime on a guarantee that it was to be used for agricultural purposes, and the railroads made lower rates on the same warrant. Good stone lime will slake over tyrighia and North Carolina that Turkey Buzzards.

"Would you advise liming new land that turns blue litmus paper slightly pink?" As a rule, all newly-cleared land is acid, especially pine land, and I have always found that it pays to lime such soil.

I have always found that it pays to lime such soil.

I have always found that it pays to lime such soil.

will retain fertility. By getting an abundance of humus in the soil, I have seen pine-barren land in North Carolina brought up from producing absolutely nothing to making ninety bushels of corn an acre.

Crimson Clover vs. Burr Clover.

"What advantage, if any, has crimson clover over burr clover when grown for soil improvement? I have a fine crop of crimson clover, but a demonstration agent has advised me to substitute burr clover, as it will respect to the substitute burr clover, as it will respect to the substitute burr clover, but would be substitute burr clover, as it will respect to the substitute burr clover, as it will respect to the substitute burr clover, but would be substitute burr clover as it will respect to the substitute burr clover, as it will respect to the substitute burr clover, as it will respect to the substitute burr clover, but would be substitute burr clover, but would be substitute of the french ones, and it will not be long before they take the place of the French ones, and it will and the French ones, and it will not be long before they take the place of the French ones, and it will not be long before they take the place of the French ones, and it will not be long before they take the place of the French ones, and it will not be long before they take the place of the French ones, and it will not be long before they take the place of the French ones, and it will arrive at Ithaea at 10 A. M. to-morrow. They will arrive at Ithaea at 10 A. M. to-morrow. They will reveal the ada until the race. Harvard will enter its second freshmen into twice a day until the race. Harvard will enter its second freshmen into the second varsity eight.

The party will arrive at Ithaea at 10 A. M. to-morrow. They will reveal the second variety eight.

The varsity line-up for Saturday's can see the second freshmen into the second varsity eight.

The varsity line-up for Saturday's can fine cond freshmen into the second varsity eight.

The varsity line and will enter its second freshmen into the second varsity

monstration agent has advised me to substitute burr clover, as it will reseed the land and come again in the fall. I intend to stick to crimson clover, but would like your opinion? I would consider a crop of crimson clover worth more than two crops of burr clover in the improvement of the soil. Not only because it gets as much or more of the aerial nitrogen, but makes a heavier mass of organic matter to return to the soil if plowed under. The only advantage of the burr clover, Medicago denticulata, is that it will inoculate the land for alfalfa if one wishes to grow that crop. Crimson clover, sown with winter oats, will make a splendld hay crop.

Crimson clover, sown with winter cate, which is contained and sakes me to write a sheech for himself and sakes me to write a sheech for himself and sakes me to write a sheech for himself and the burn clover has very little value as a hay make a splending and sakes me to write a sheech for himself as a hay make a splending and sakes me to write a sheech for himself as a hay make a splending as a hay bean in the south of the same of the make as a hay bean in the south of the same of the make as a hay bean ship as a spen bean will not ure climated allowesis of corn or furnished with poles like butter beans. It is a climber and very prolline, and will make a better crop bean will not ure climated allowesis of corn or furnished with poles like butter beans. It is a climber and very prolline, and will make a better crop bean will not ure climate a like spending as a spen bean will not ure climate a like spending as a spen bean will not ure climate as the spending as a s

## On Your Vacation

Why not enjoy the latest "hits" of the comic operas or the many popular selections? Take a

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## BASEBALL SQUAD

Elected Captain of Virginia's 1914 Team-Cronley Pilot of Track Men.

Charlottesville, Va., May 21 .- The Beneral Athletic Association of the University of Virginia has awarded letters in baseball and track as fol-

Baseball-Finlay, Neff, Green, Lile, Fitchett, Phillips, Beckwith, Gammon, Stickley, Landes, Grant and White. Track-Cooke. Gantt.

Blanchard, Mayer, Gooch, Beckett, Diebolt, Wright, Maxson, Barton and Mason

Douglas William Neff, of the University, was chosen captain of the 1914 baseball team. He is a student

down. So long as people fail to bury deeply all dead animals, the buzzards will carry the disease all over the neighborhood. We can stop the greater part of the hog cholera by destroying the buzzards.

Bulb-Growing in the South.

An industry is growing up in Southwest Virginia and North Carolina that is destined to become of considerable importance. This is the growing of flowering bulbs that are used in immense quantities by the Northern florists for foreing in whiter. Years ago the production of the bulbs of the tuberose was started at Magnolla, N. C., and the conditions there were so favorable to this plant that the production of these bulbs has centred about that point, until now nearly all the tuberose bulbs used in this country and in England are grown around Magnolla. But tuberoses went out of fashion, as people got tired of their powerful odor, and the demand lessened and the price fell low, and now the growers are experimenting with other bulbs, though still growing millions of the tuberose.

In Southeast Virginia a grower from the Charmelol Magnolla a grower from the Charmelol Wirginia a grower

day of the Greenville Horse Blooded horses from several were shown. The only mishap G. Bowman, of Spartanburg, was spilled he from his rig in taking a corner of the ring too fast. Winners of blue rib-

pionship to Friendly Rivals in Ten-Inning Struggle.

The game yesterday afternoon was very interesting, and quite a large crowd was present. In the ninth inning Academy was in the lead, and it certainly looked like their game, but McGuire's came back and won out at last. out at last.

In the third inning McGuire's scored five runs by bunching hits and by a successful double steal. In the

in the lead.

McGuire's came to the bat first in the ninth, with the Academy in the lead by one run. When two balls had been pitched in this inning it started raining, and the game was stopped for about twenty minutes. When the umpire started the game again Mc-Guire's came with a rush, and scored the tieing run, and then in the tenth the winning runs were scored.

made a costly error.

McGuire's expects to close the season with Jefferson School at Charlottesville next Saturday, but an exhibition game may be played with John Mars all High School on next Wednesday at Broad Street Park.

A CO							
	McGuir	c's					
		A	B. R.	H.	O.	A.	E
	Paschall, ss	5	1	3	2	4	(
,	T. Cogbill, cf	5	0	0	3	0	0
J	Graves, If	5	0	2	3	0	(
d	Leach, 1b	5	1	0	8	0	1
	M. Cogbill, 3b	4	2	1	0	1	(
20	Snead, rf	2	1	2	0	0	
8	Starkey, 2b						
	Craven, c	5	0	2	10	0	
	Hammond, p						1
		_			-	-	-
	Totals	40	8 1	1	30	9	3

tt, ss..... 5 Rođer, 8b..... 5 Wicker, 1f..... 5 Harrison, rf ... Miller, 1b...... Mahone, c....

Totals.......41 6 8 80 15 Score by innings: R. McGuire's ......0050000012-8

Summary: Left on bases—McGuire's, 7: Academy, 8. Base on balls—On Hammond, 2: off King, 3. Hits—On Hammond, 8 in ten innings; off King, 11 in ten innings. Hit by pitched ball —M. Cogbill, by King; Miller, by Hammond. Struck out—By Hammond, 19; by King, 4. Passed balls-Craven,

Rest. fresh air and well-cooked, nourishing food do help many persons suffering with Lung Troubie. But in many cases the disease is only temporarily "arrested," and something more is needed. Eckman's Alterntive is a medicine for Throat and Lung Troubles and has brought about many complete recoveries—in many cases where the surroundings were not ideal, Judging by the many reports of recoveries received, we believe it should be used in every case of Lung Trouble. A remarkable case follows:

Weldon, Ill. Weldon, Ill.

Horse several into Consumption. In February, 1995, I went to Fort Worth, Tex., and later to Canon City, Col. After being, there two weeks my physician informed me that my case was lopeless. Three weeks later I returned of the ue rib-



# IN PREP LEAGUE

Richmond Academy Loses Cham-

By defeating Richmond Academy yesterday afternoon at Byrd Park, Mc-Guires's University School won the preparatory school championship of Richmond for the sixth successive

fourth the Academy made two runs, and two more in the sixth, and two again in the seventh, which put them

Hammond pitched a good game, striking out ten and allowing only eight hits; and Paschall. Snead, Starkey and Craven also played star

For the Academy, Wicker and Mahone were the stars, although each made a costly error.

	McGuir	c's					
		A	B. R.	H	. O.	A.	E.
	Paschall, ss	5	1	3	2	4	0
	T. Cogbill, cf	5	0	0	3	0	0
i	Graves, If	5	0	2	3	0	0
1	Leach, 1b	5	1	0	8	0	1
ı	M. Cogbill, 3b	4	2	1	0	1	0
	Snead, rf	2	1	2	0		1
i	Starkey, 2b	4	2	2	5	1	0
į	Craven, c	5	0	2	10	0	0
i	Hammond, p	5	1	0	0	3	1
j		-			_	-	-
ì	Totals	40	8	11	30	9	3
	Acaden	ıy.				1	

Academy ....0002022000---5





Where's more real enjoyment?
The shady home-porch, a comfortable chair, a good cigar or pipe, a congenial friend, and a cool, refreshing bottle of

## Budweiser

Every Week, 3,000,000 Bottles

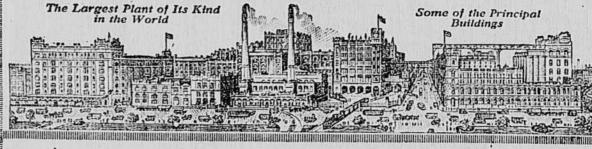
That is the output of Budweiser. The Anheuser-Busch main plant and branches give employment to 7,500 people. The main plant covers 142 acres, equal to 70 city blocks. There are 110 separate buildings—a city in themselves.

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## Anheuser Busch, St. Louis





RICHMOND, VA.

## BOWLING

The Chesapeake and Ohio team, who have been occupying the cellar position in the been occupying the cellar position in the Commercial League all the season, sprung a big surprise on the leaders, the Bishop Shirt Company, law night on the Newport Alleys in a hotly-contested series, the railroad boys winning two out of three games by the strike out route.

The Bishop team woke up in the final game and won out by a big majority, Troutner, Beardsley, Hayes and Bennett all showed class and put up a good game.

Friday night the Vaughan-Robertson Drug Company meet the Everett Waddey Company on the Newport Alleys, Scores last night:

Bishop Shirt Co.

Bishop Shirt Co. 876 2,400 

## SOUTH ATLANTIC LEAGUE

At Macon-Macon, 4, Columbus, 2, At Charleston-Charleston, 3; Jackson-ville, 1, At Albany-Albany, 2; Savannah, 10 (seven innings, rain).

CAROLINA LEAGUE

At Charlotte-Charlotte, 1; Winston, 1 six At Greensbore-Greensbore, 3; Durham, L. At Raleigh-Raleigh, 3; Asheville, 12.

INTERNATIONAL LEAGUE Providence-Toronto-Postponed on account

f wet grounds.

Newark. 2: Buffalo, 6.

Baltimore, 1: Montreal, 4.

Jersey City-Rochester-Postponed on acount of wet grounds.

## SOUTHSIDE LEAGUE

At Atlanta-Atlanta, 5; Memphis, 7, At Chattanooga-Chattanooga, 2; Montgomery, 0.

At Nashville—Nashville, 7; New Orleans, 3 (firis game); Nashville, 6; New Orleans, 2 (six innings, darkness; second game).

At Birmingham—Birmingham, 2; Mobile, 1 (first game); Birmingham, 5; Mobile, 1 (second game).

## AMERICAN ASSOCIATION

Indianapolis-Milwaukee-Game postponed on account of wet grounds. Louisville, 2; St. Paul, 6 (first game); sec-ond game postponed on account of rain. At Kansas City-Columbus, 3; Kansas City, 6 (first game); Columbus, 5; Kansas City, 6 second game).
At Minneapolis-Toledo-Minneapolis-Game postponed on account of wet grounds.

ANHEUSER-BUSCH BRANCH

Late Arrival at Secretary's Birthplace.

[Special to The Times-Dispatch.] Washington, N. C., May 21.-Captain and Mrs. George J. Studdert, of this felt themselves highly yesterday, when Secretary of the Navy Josephus Daniels named Aheir oneweek-old son Woodrow Wilson Studdert. During the secretary's visit to this city, when the citizens gave him a big ovation, Captain Studdert asked him to suggest a name for his infant son. Mr. Daniels after a brief consul-tation with his wife decided on the name Woodrow Wilson Studdert, and Captain and Mrs. Studdert have fully decided to accept the secretary's suggestion and name their son after distinguished President, Captain Studdert says when his son is christened this will be the name given him, and with such a name, and given by the Secretary of the United States Navy,

be his own fault.
The body of the late T. S. Manning, of this city, yard conductor of the Nor-folk and Southern, who was killed in the railroad yard yesterday at Newbern, was brought to this city last night. wife and children left with the body by the Atlantic Coast Line for Whitakers, his former home, where the fun-eral and interment will take place. Lieutenant Charles Lamb Morton, the

Reserves, received a message from his

if the boy does not make good it will

cruise to be given the naval reserves by the Navy Department. The North Carolina Naval Reserves are ordered to embark at Norfolk on the United States ship Alabama on August 25. They will be taken to New York City, where they will spend several days; then to Gard-Woodrow Wilson Studdert Is ner's Bay, where they will be instructed in target practice, returning to Norfolk about the 2d of September. The United States revenue cutter Pamlico, which has been in this port for the past several days on account of the reception to the Secretary of the Navy, returned to Newbern this mern-ing. While in this city the cutter took a large party of prominent citizens and guests for a complimentary sail down Pamlico River.

## TAKEN TO ST. AUGUSTINE

Body of Henry M. Flagler Will Be
Buried To-Morrow Afternoom.

West Palm Beach, Fla, May 21.—
The body of Henry M. Flagler left
here to-night for St. Augustine on
a special train, after having lain in
state throughout the day at the cottage where the octogenarian millionaire died yesterday morning.

Hundreds of sorrowing people, including delegations from trades organizations of this place and Lakeworth, called during the day to pay
their respects to Mr. Flagler's memory. Members of the immediate family accompanied the body to St. Augustine, where the funeral services
will be conducted Friday afternoon.

## APPALACHIAN LEAGUE

At Bristol-Bristol. 2: Cleveland. 4. At Knoxville-Knoxville, 1; Jehnson City, 3. No other games scheduled.

## Federal League Results

commanding officer, C D. Badham, of At Covington—Cleveland-Covington game Newbern, with reference to the summer postponed-rain.

THE CHESAPEAKE AND OHIO RAILWAY COMPANY. Effective May 25, 1913.

New Daily Sleeping Car Line BETWEEN RICHMOND and LYNCHBURG



GORDONSVILLE AND STRATHMORE.

Leave Richmond, Train No. 33, 11:00 P. M. Arrive Lynchburg 7:30 A. M. Leave Lynchburg 7:35 A. M. for Lexington, Buena Vista and Clifton Forge. Returning, leave Lynchburg 10:30 P. M.; arrive Richmond 8:15 A. M.

For reservations and tickets, call on Richmond Transfer Co., Jefferson Hotel, Richmond Hotel, Murphy's Hotel or Main Street